

Heat Transfer Through Fins, by E. Schmidt.

GERMAN.

USDA per
NC State College Vol 204

Jun 59

Heat Transfer Through Fins, by E. Schmidt.

GERMAN

USDA per
NC State College

Jun 59

The Status of Research in the Field of Heat
Transfer, by E. Schmidt, 31 pp.

GERMAN, per, Zeitschrift des Ver Dtsch Ing.,
Vol LXXVI, No 42, 15 Oct 1932, pp 1025-1032.

NACA
N-33814

20,853

Scientific - Physics

Jan 55 CTS/DEX

Cerebrovascular Accidents and Disturbances of
Coronary Circulation, E.V. Schmidt and E.Z.
Ustinova.

RUSSIAN, per, Klinicheskaya Meditsina, v.41
no.9, 1963, p.13ff.
RASH

E. V. Schmidt

R/M
Aug 66

306,583

Experiments With Filtrates of Mouse Tumors G 5 Glass
Suction Filters Impermeable to Bacteria, by F.
Schmidt, 2 pp.

GERMAN, per, Zentralblatt fuer Allgemeine Pathologie
und Pathologische Anatomie, Vol. XCVI, 1913, pp. 11,
220.

REF ID: A1

Sci - Medicine

Dec 52

Filtrate Experiments With Mouse Transplantation
Tumors, by F. Schmidt, 17 pp.

GERMAN, per, Z. Krebsforsch, Vol LX, 1955,
pp 445-455.

NIH Tr 11-8

Sci - Medicina
Dec 56 QTS

41, 8/6

Cell-Free Tumor Transmission, by F. Schmidt,
30 pp.

GERMAN, Proceedings of the Deutsche Akademie
der Wissenschaften zu Berlin (Medical Class,
1955, No 1.), 28 Mar-2 Apr 1955. (Technical
Conference: Problems of Cancer Research and
Treatment, Akademie Verlag, Berlin, 1957).

NIH 3-8-60

Sci " Med

May 60

117,301

Experimental Contribution to Tumor Metastasis,
by F. Schmid, 33 pp.

GERMAN, per, Arch Geschwulstforsch, Vol X, 1957.
pp 275-293.

NIH Tr 4-17

Sci - Med

May 58

64,073

Experience in the Production and (Hot) Working
of Light-Section Continuous Cast Steel, by P.
Leitner, F. Schmidt.

GERMAN, per, Stahl Und Eisen, Vol LXXVIII, No 15,
1958, pp 1028-1032.

Henry Bratcher 4330
\$9.75

Scl - Engr
Oct 58

75 718

The Occurrence of Tumors in Different Kinds in Mice
After Injection of a Cytoplasm Fraction From
Ehrlich-Carcinoma Cells, by P. Schmidt, 12 pp.

GERMAN, per, Z Inn Med, Vol XI, 1956, pp 640-643.

NIE Tr 10-5

Sci - Medicine

54,655

Oct 57

Filtration Tests With Transplantable Tumors in
Mice, by F. Schmidt, 21 pp.

GERMAN, per, Zeitschrift f Krebsforschung, ^{Vol LX} ~~No 60~~,
1955, pp 445-455.

NIH 9-38

Scientific - Medicine
Nov 56 CTS

40,396

A New Principle of Tumor Transmission:
Transplantation by Aspiration of Tumor Cells
and its Importance for the Problem of Intra-
canalicular Cancer Metastasis, by F. Schmidt,
25 pp.

GERMAN, per, Arch f Geschwulstforsch, Vol VI,
No 2, 1954, pp 118-131.

NIH 9-37

Scientific - Medicine
Nov 56 CTS

40, 395-

Revenable Virus Inactivation with Ultraviolet
and Gamma Radiation, by M. Schriber, 1955.

SEBMAN, per, Die Naturwissenschaften, Vol. 30, No. 22, 1955, pp 522, 523.

SEE 11-51

Sci - Medicine
Doc 50

102,628

The Behavior of the Leukemia-producing Inductor From
Ehrlich's Ca Filtrates in Acid Precipitation, by
K. Lohmann, P. Schmidt, 4 pp.

GERMAN, per, Naturwissenschaft, Vol XLIII, No 11,
1956, p 255.

WHI 9-35

Scientific - Medicine.
Nov 56 CTS

40, 393

Influenza and Virus. Tentative Interpretation
of Animal and Human Findings, by F. Schmidt,
43 pp.

GERMAN, per, Die Naturwissenschaften, Vol XII,
No 11, 1957, pp 337-349.

NOH 1-11-60

Sci - Med

Feb 60

107,515

CONTINUOUS CASTING OF SMALL SECTIONS, BY F. SCHMIDT.

GERMAN, PER, BERG-UND HUTTENMANNISCHE MONATSHEFTE,
VOL CVII, APR 1962, PP 173-182.

BISI 2913

SCI - ENR

OCT 62

LIST 154

214,808

Lining Problems in Arc Furnaces, by F. Schmidt.

GERMAN, per, Berg- und Huttenmannische Monatshefte,
Vol CVI, No 9, 1961, pp 318-322.

BISI 2628

Sci - Engr

May 62

196, 201

list 132

Heat Transfer of Solids Heated in Liquids by
Vapor Formation With Consideration of Flow Conditions
by H. von Buhler, F. J. Schmidt, 10 pp.

GERMAN, per, Atomkernenergie, Vol V, 1960,
pp 18-22.

AEC Tr-4278

Sci - Chem
9 Mar 61

141,566

The Induction and Discharge Process and Limitations
of Poppet Valve Operation in a 4-Stroke Aero Engine,
by F. R. Schmidt, 45 pp.

GERMAN, per, Luftfahrt-Forschung, Vol XVI, No 5, 1939,
pp 251-275.

SLA 58-474

Sci

Aug 59

95, 209

The Polyoma Virus, by Ferd. Schuidt.
GERMAN, per, Zeit. fuer die Gesamte innere
Medizin und ihre Grenzgebiete, Vol 18, No 13,
1 Jul 1963, pp 586-597.
JPRS CS0; SF - 4611

FERD SCHMIDT

SI-436/67

Sci-B&M

Mar 67

318,153

(NY-6450)

Function of the Central Merchandise Bureau for
Food Products, Fruits, Vegetables, and Household
Chemicals, by Fritz Schmidt, 7 pp.

GERMAN, per, Der Handel, Vol XI, No 7,
1961, pp 294-295.

JPRS 10473

EUR - Germany
TRESI
Econ ..

173.489

Under the Red Star, by Fritz Schmidt, 13 pp.

GERMAN, per, Flug-Review, 29 Jun 1957, 17 Aug 1957.

CIA/TDD X-1866

USSR

Mil

May 60

116,319

Schmidt, Fritz A. P.
COMBUSTION MOTORS: THERMODYNAMIC AND
EXPERIMENTAL PRINCIPLES, WITH SPECIAL CON-
SIDERATION OF AIRPLANE MOTORS. [Verbren-
nungsmotoren, Thermodynamische und Versuchsmaassige
Grundlagen unter Besonderer Berücksichtigung der
Flugmotoren]. [1963] 27p. (figs. omitted).
Order from SLA \$2.60

63-14284

Trans. of mono. Field Information Agency, Technical
(West Germany) no. 709, Final rept., 1946, p. 310-319,
319a-319g (PB-33220).

DESCRIPTORS: *Combustion chamber gases, *Ignition,
Ignition lag, *Fuels, Knocking, Tests, *Airplane
engines, Combustion, Thermodynamics.

(Machinery--Engines, TT, v. 10, no. 3)

63-14284

- I. Schmidt, Fritz A. P.
- II. Title: Thermodynamic ...
- III. FIAT PR 709
- IV. PB-33220

Office of Technical Services

Research on the Assimilatory Behaviour of
Apple, Pear, Cherry and Plum Using a Newly
Developed Apparatus, by G. Friedrich, G.
Schmidt.

GERMAN, per. Arch. Gartenbau, Vol 7, 1959.
pp 321-326.

(HBU/Ref: C-4967)

G. Schmidt

Sci -

Aug 67

339,876

A Method for Calculating the Design Strength of
Fuel Cans for Liquid-Metal Cooled Fast Reactors, by
G. Schmidt. 108

GERMAN, rpt, IFE-808, 145 pages.
EURFID-570

G. Schmidt

July 69

385-927

Further Investigations Concerning the Assimilatory and
Respiratory Behaviour of Fruit Trees, by G. Friedrich,
O. Schmidt.

GERMAN, per, Arch. Gartenbau, Vol 11, No 3, 1964,
pp 209-245.

(NRG/Ref: C-5005)

Sci -

Aug 67

G. Schmidt

339.275

Modes of Vibration of Cylindrical Disks of Barium
Titanate Ceramic, by G. Schmidt, L. Kutschabzky.
UNCLASSIFIED

GERMAN, per, Acustica, Vol X, 1960, pp 30-34.

Navy 2697/USRL 12

Sci - Chemistry
Jan 61.

137,394

Transformation of the Germinal Node Into the
Elastodisc in Cattle Embryo (Bos Taurus),
By G. A. Schmidt, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX,
No 2, 1960, pp 477-.

AIBB

Sci

138, 459

Feb 61

SEITE

(NY-2872).

Status of Mechanization of Inland Fishing, 1958,
by G. Schmidt, 7 pp.

GERMAN, per, Deutsche Fischerei Zeitung, Vol VI,
No 5, Eadebeul, 1959, pp 140-143.

JPRS-1950-II

EEur - Germany
Econ - Fishing
Oct 59

99,405

Methodology of Parabiosis, by G. Schmidt,
27 pp.

GERMAN, per, Handbuch d Biol. Arbeitsmeth,
Section 5, Part 1.

NIH

Scientific - Biology
CTS 70/Jul 55

25,570

(NY-6430)

Organization of Land Improvement in the GDR,
by G. Schmidt, 18 pp.

GERMAN, per, Deutsche Agrartechnik, Vol XI,
No 11, 1961, pp 501-505.

JPRS 13407

BEur - Germany

Econ

Apr 62

EE

191,549

SCHMIDT, G.

CHEMISCHE FABRIK, vol. 13, pp. 49-54, 500-word
abstract; 1940.

Acid Resistance of Enamel and a New Method of Determining it.

Brutcher Trans, Order No. 1192 \$1.00

11-10-40

Some Experiments on the Influence of Dyestuff,
Fiber and Atmosphere Upon Fastness to Light, by
G. Schwen, G. Schmidt, 16 p.

GERMAN, per, Melliand Textilber, 1959, Vol XL,
No 4, pp 403-408.

ATB-45L330

Sci
Mar 60
Vol 2, No 11

109,620

Considerations of Economy in the Choice of the
Charge in Open-Hearth Steel Process, by G.
Schmidt.

GERMAN, per, Stahl und Eisen, 3 Mar 1960,
pp 282-285.

BIBI 1742

EEur - Germany
Econ

Sci - Min/Met
Sep 60

124,972

57
Construction and Section Experiments with Anuran
Embryos, by G. A. Schmidt.

GERMAN, per, Arch Entwicklungsmech Organ, Vol
189, 1935, pp 1-44.

NASA TT F-12,153

G. A. Schmidt

Sci-BM

Sept 69

391,532

Clinical Experiences Following Administration
of Oxytocin to Maternity Cases,
by D. von Holzstetki, Gg. Schmidt.
GEBHRE, par, Die Medizinische, No 31,
1964, pp 1655-1661.
SEA 17-66-10086

Gg. ~~Schmidt~~ Schmidt

Sci-Eng
June 66

303,861

Lattice Constant Measurement From Broadened
X-Ray Reflections, by G. K. Schmidt.

GERMAN, per, Zeitschrift fuer Angewandte Physik,
Vol XII, No 8, 1960, pp 347-351.

GB/256/T 1244

Sci- Phys
Mar 63

225, 336

Transparency and Reflectance² of Paper, Theory
and Measuring Methods, by Gerhard K. Schmidt,
23 p.

GERMAN, per, das Papier, 1959, Vol XIII, No 7/8,
pp 141-149. III

SLA 59-20101

Sci
Feb 60
Vol 2, No 10

XX-749
108, 105
100, 34

A Few Problems Involved in Furnace Transformers
by Goglewski, Schmidt.

POLISH, par, Przegląd Elektrotechniczny, Vol XXX,
No 3, 1955, pp 131.

PULLEN

Sci - Electron

Jun 61

156,922

Future Tasks of the German Farmers Bank
in the New Economic System, by Gunther
Schmidt, 22 pp.

GERMAN, per, Geld Und Kredit/Versicherung,
Nov and Dec 1954, pp G4-G7-G10,
JPRS 23450

P 19

EE-12, Germany
Ecc
Mar 65

275,406

Future Tasks of the German Peasant Bank in
the New Economic System (Part III), by
Guenther Schmidt, 11 pp
GERMAN, per, Deutsche Finanzwirtschaft, No
24, Dec 1964, pp C7-C11.
JPRS 20034

P 19

IRE-Germany
Recon
Mar 65

276,232

Schmidt, G      .
GASTURBINES: INVESTIGATIONS OF AXIAL FLOW
TURBINES WITH SHOCKLESS LAMINAR FLOW AND
UNTWISTED TURBINE BLADES. [1963] 18p.
Order from SLA \$1.60 63-14419

Trans. of MTZ: Motortechnische Zeitschrift (West
Germany) 1962, v. 23, p. 177-183.

DESCRIPTORS: *Gas turbines, *Axial-flow turbines,
*Turbojet engines, *Turbine blades, Design, Fluid
flow, Mathematical analysis.

A new vortex distribution for axial flow turbines was
described in the theoretical part of this report. It was
pointed out that there aren't any losses at the design
point due to false flow direction, even by using un-
twisted turbine blades, because of constant relative flow
direction over the whole height of the blades.

(Machinery--Propulsion Systems, TT, v. 10, no. 4)

(over)

63-14419

I. Schmidt, G.
II. Title: Investigations . . .

Office of Technical Services

Schmidt, Gustav.
THEORY OF THE LEHMANN HEAT ENGINE. [1963]
[23p] 37 refs
Order from SLA \$2.60
TT-63-20923
Trans. of V[erein] D[eutscher] I[n]genieure. Zeitschrift
(Germany) 1871, v. 15, p. 1-12.

TT-63-20923

I. Schmidt, G.

(Machinery-Engines, TT, v. 12, no. 2)

Office of Technical Services

New Developments in Chlorine Electrolysis
by the Mercury Process and in the Liquefaction
of Chlorine, by H. Schmidt, F. Holsinger.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 35,
No 1, 1963, pp 37-44.
SLA TT-66-10327

H. Schmidt

Sci-Chem
Aug 66

308,475

Problem of Water Heating with Gas, by H
Schmidt.

GERMAN, ~~1935~~, Koenigsberg, 1935
GFC

H Schmidt

Sci -
Aug 67

336-067

Broad-Beam Methane Flow Counter for the Measurement
of Contamination of Radioactive Waste Water, by
J. J. Schmitt, 11 pp. 133

SI-MNH, FOR, KERNON, IC, Vol VI, 1963, pp 250-260.
SEC COM-L-ER-356

282,601

Sci-Subsist Phys & Tech
Nov 68

The Effect of the Counting Rate on the Gain and
Resolution of Photomultiplier Type RCA 6810 A,
by W. Michaelis, H. Schmidt, et al, 18 pp.
GERMAN, per, Nuclear Instruments and Methods,
Vol XXI, 1963, pp 65-74. 9223838
AEC-LA-Tr-64-13

Sci-Engr
Dec 64

270,561

Method for Continuous Determination of the
Activity of $I\dot{A}_C$ and the Concentration of
 CO_2 in the Respiratory air, by C. Holt,
H. Schmidt.

GERMAN, per, Biophysische Zeitschrift, Vol 334,
1961, pp 516-523.

CSIRO/No. 7230

H. Schmidt

Sci -

Jul 67

334,263

Behaviour and Boring Activity of the Larva
of Lyctus Brunneus Stephens, by H. Schmidt,
G. Buchholz.

GERMAN, per, Holzforschung und Holzverwertung,
Vol 16, No 3, 1964, pp 46-49.
CSIRO/No.7215

H. Schmidt

Sci -

Jul 67

334,271

Cracking of Liquid Hydrocarbon by Electric Arc, 68
by A. Schmidt, E. Schmidt.
~~GERMAN, 1951, Physik und Elektro-Technik, Vol 16, 1951, pp 693-697.~~
SEC-69-18731-07A

H. Schmidt

Sci-Chem
Page 69

32,130

62-18963

I. Schmidt, H.
H. Haterl, K.

Schmidt, I., Haterl, K.
MECHANISM OF THE DECOMPOSITION OF ACETYLENE
UNDER CONDITIONS OF LOW PRESSURE.

[1962] [11 pp.] [1 ref.]

[1962] [11 pp.] [1 ref.]

62-18963

From: [1962] [11 pp.] [1 ref.] (West Germany)
[1962] [11 pp.] [1 ref.] p. 425-429.

From: [1962] [11 pp.] [1 ref.] (West Germany)
[1962] [11 pp.] [1 ref.] p. 425-429.
*Acetylenes, Low pressure research,
*Explosions, *Inhibition, *Explosions,
*Safety valves, *Cur-off valves, *Towers
(Chemistry).

The authors succeeded in inducing explosive or
detonative acetylene decomposition in the pressure
range between 1.0 and 1.4 atm. abs. by means of an
ignition chamber. The irrigated Raschig ring tower
must be considered as the safest decomposition
(Engineering-Chemical, TT, v. 10, no. 1) (over)

Office of Technical Services

(SF-1857)

Standardization of Basic Circuits in
Power Plants and Relay Stations, by
H. Schmidt, 7 pp.

GERMAN, per, Energietechnik, Vol XI,
No 8, 1961, pp 340-345.

JPRS 12908

EEu R
Germany
Econ
Mar 62
EE

187,634

New Directions in Polarography, by
M. Von Stackelberg, H. Schmidt, 1 pp.

GERMAN, par, Angewandte Chemie, Vol LXVI,
No 15/16, 1959, pp 508-512.

CSIRC

Sgt. - Chen
Nov 61

Origin of Non-Metallic Impurities in Aluminum and
Their Influence on Further Processing, by H.
Schmitt, H. Wittner, 18 pp.

GERMAN, per, Z fuer Erzbergbau und Metallhüttenwesen,
Vol IX, No 9, 1956, pp 417-421.

SLA 59-10043

Sci - Min/Met
Sep 59
Vol 2, No 1

77766

Electrolysis of Cyanides. II. Electrolyses of Cyanides
in Anhydrous, Liquid Ammonia, by E. Schmidt, H. Meinert,
15 pp.

BERMAN, per, Z fur Anorg Chem, Vol CCXCV, No 3/4,
1958, pp 156-172.

Asso Tech Serv
61K28G

Sci - Phys
OTS I, 9
Jun 59

89,533

Electrolysis of Cyanides. II^v. Electrolysis of
Cyanides in Anhydrous Pyridine, by H. Schmidt, H.
Meinert, ~~1958~~. 11 pp.

GERMAN, per, Z fur Anorg Chem, Vol CCXCV, No 3/4,
1958, pp 173-184.

Asso Tech Serv
62K28G

Sci - Phys
OTS I, 9
Jun 59

89,532

The Stability of Aqueous Solutions of Branched
Polyphosphate Ions, by W. Dzwald, H. Schmidt,
B. Kerszowski, 4 pp.

ORFMAN.

CIA/FDD/XX-139
NOT RELEASABLE TO
FOREIGN NATIONALS

Scientific - Chemistry

May 56 CTS/DEX

IAC INTERNAL USE ONLY

34,079

4-
Critical Observation on Existing Determination Methods
of Tripoly- And Pyrophosphate in Presence of One
Another, by Dr. W. Dewald, assisted by H. Schmidt,
K. H. Neeb, 12 pp. UNCLASSIFIED.

GERMAN, per, Fette u Seifen, Vol LVI, 1954, pp 105-
108.

CIA/FDD/X-1484

Scientific - Chemistry

Nov 54 CTS/DEK

19,447

Studies on the Knowledge of the Properties of
Toxin-Antitoxin Mixtures. XIII. The Measurement
of the Antitoxin-Binding Ability of Diphtheria
Formol Toxoids, by H. Schmidt, W. Scholz, 19 pp.

German, per, Z Immun -Forsch, Vol LXXIII, 1931,
pp 494-504.

S.L.A. Tr 1172/1956

Sci - Medicine

Oct 56 CTS

40, 071

Modification of the Method for Determining C-Methyl,
Using Minimal Amounts of Substance, by C. F.
Garbers, H. Schmidt, P. Karrer, 4 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XXXVII,
No 4, 1954, pp 1336-1338.

SLA 60-14124

Sci
OTS, Vol III, no 8
Apr 61

145,116

Theory of the Lift Distribution of Arbitrarily
Twisted Elliptical Wings, by H. Schmidt

CHERNMAN, per, Luftfahrt-Forsch, Vol XV, 1938,
pp 232-234.

Nat'l Res Council Canada TT 50

scientific - Aeronautics
Jul CTS/DEX Price 0.25

16, 136

Observations on the Viscosity of Solutions of Murex
Salts (KPO_3) as a Function of Conditions of Prepara-
tion, by W. Dewald, H. Schmidt, 6 pp.

GERMAN, per, Z. Prakt Chem, Vol XLIV, 7/9/55, printer's
proof pp 1-8.

AIB-57273

Sci

Aug 59

95, 127

Some Measurements on Barium Titanate, by H. Schmidt,
10 pp.

GERMAN, per, Akust Beih, No 2, 1952, pp 83-88.

CIA/PDD/Z-98

Scientific - Physics

15,902

Jul 54 CTS

Preliminary Investigations in the Interest of
Irrigation of the Antalya Plain, by H. Schmidt,
5 pp.

GERMAN, per, Wasser und Boden, Jan 1958, pp 8-12.
Call No GB631.W33 Vol 10 No 1

AMS Lib Tr Unit

NE/A - Turkey
Econ
Aug 58

71,942

Mathematical Procedure for the Determination of the
Lift Distribution of Elliptical Wings. I. For
Integral Values of the Parameter K, by H. Schmidt

GERMAN, per, Luftfahrt-Forsch, Vol XV, 1938,
pp 246-255.

Nat'l Res Council Canada TT 53

scientific - Aeronautics
Jul CTS/DEX Price 0.25

16,139

~~CONFIDENTIAL~~

A General Review of the Fundamentals of the Lifting
Line Theory, by H. Schmidt

GERMANY, Ver, Luftfahrt-Forsch, Vol XV, 1938,
pp 222-227.

Nat'l Res Council Canada TT 48

ⁿ
Scientific - Aeronautics

Jul CTR/DEX

Price 0.25

16, 123

General Consideration of the Presentation of
Numerical Results of the Lifting Line Theory, by
A. Kupper, H. Schmidt

GERMAN, per, Luftfahrt-Forsch, Vol XV, 1938,
pp 228-231.

Nat'l Res Council Canada TT 49

Scientific - Aeronautics
Jul CTS/DEX Price 0.25

16,135

The Effect of Calcium Ions on the Membrane
Potential of Bundles of Myelinated Nerve
Fibers of the Frog, by H. Schmidt, 2 pp.

GERMAN, per, Pflugers Archiv, Vol CCLXXII,
1960, pp 1, 68.

MMH 2-16-62

191,454

Sci - Med

The Effect of Calcium ions on the Membrane
Potential of Myelinated Nerve Fibers, by
Schmidt, 14 pp.

HERMAN, per, Pflügers Archiv, Vol CCLXXI,
1960, pp 634-654.

NIH 2-1-62

191,440

Sci - Med

pr 62

(SF-1855)

Development of Machine Equipment Construction in Czechoslovak Open-Pit Mines, by E. Schmidt, 6 pp.

CZECH, per, Bergbautechnik, Vol XX,
July 1961, pp 342-345.

JPRS 13432

HEur - Czech
Econ
Apr 62

190, 9-11

Catalytic Dehydrogenation of Hydro-Aromatic
Compounds, by W. Treibs, H. Schmidt

GERMAN, per, Ber, Vol LX, 1927, pp 2335-2341.

S.L.A. Tr Pool

Scientific - Chemistry
CTS/DEX

14,404

On the Excretion of Bromosulphthalein in the
Bile of Normal Patients and Patients With
Hepatitis, by H. Wernze, H. Schmidt, 3 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXIX,
1961, pp 924-925.

NIH 1-61-62

186, 422

Sci - Med

Mar 62

Melting Trials in an Acid-Lined and a Basic-Lined
Cupola Conducted Under Comparable Conditions, by
E. Pivovarsky, H. Schmidt.

Full translation.

GERMAN, per, Die Giesserei, Technisch-Wissenschaft-
liche Beihefte, No 6-8, 1952, pp 261-271.

Brutcher Tr 2992

Scientific - Melting, cupola, acid

A. 1200

Paperchromatographic Determination of Aldosterone,
by H. Schmidt, J. Staudinger, 4 pp.

GERMAN, per, *Angew. Chem.*, ⁹ Vol LXVI, 21 Nov 1954,
pp 711-712.

34,342 S.L.A. No 273/1956

Scientific - Chemistry

**Physicochemical Considerations Regarding the
Operation of Acid and Basic Cupolas, by H.
Schmidt, UNCLASSIFIED**

**GERMAN, Giesserei Technisch-Wissenschaftliche
Beihefte, 1952, No 6-8, pp 273-279.**

Butcher Order No 3011

**Scientific - Chemistry, physicochemical,
cupolas**

February 1953

and
The Preparation and Application of Hardstone Surface
Plates, by H. Schmidt.

GERMAN, DLR, Werkstatt u Betrieb, Vol LXXIX, No 7,
1956, pp 377-380.

CSIRO

Sci

Aug 59

93,709

2431-D

**Colored Terrain Representation, by E. Schmidt,
20 pp.**

**GERMAN, per, Kartographische Nachrichten, Vol VIII,
No 3, Bielefeld, 1958, pp 98-109.**

US JPRS L-1362-D

**Klar - Germany
Geo - Terrain representation
Jan 59**

79,500

The Electrochemical Fluorination of Inorganic
Compounds; Anodic Formation of Sulphuryl Fluoride,
by H. Schmidt, H. D. Schmidt, 14 pp.

GERMAN, pt. 2. Anorg Chem, Vol CCCLXIX, 1955,
pp 289-294.

S.L.A. Tr 783/1956

Sci - Chemistry
Oct 56 CTS

39,836

Studies on the Knowledge of the Properties of
Toxin-Antitoxin Mixtures. XI. Quantitative
Relations in Mixtures of Toxin-Antitoxin Formol
Toxoid in Diphtheria and Tetanus, by H. Schmidt et al,
28 pp.

GERMAN, per, Z Immun -Forsch, Vol LXXIII, 1931,
pp 475-493.

S.L.A. Tr 1171/1956

Sci - Medicine
Oct 56 CTS

40,069

Studies on the Knowledge of the Properties of Toxin-Antitoxin Mixtures. XIV. A Contribution to the Question of the Measurement of Formol Toxoids, by H. Schmidt, W. Scholz, 16 pp.

GERMAN, per, Zeits immun-forsch, Vol XXXVII, 1931, pp 517-526.

SLA Tr 1609 Jan 1957

Sci - Biology

46,313

Apr 1957

Studies on the Knowledge of the Properties of
Toxin-Antitoxin Mixtures. XIII. The Measurement
of the Antitoxin-Binding Ability of Tetanus Formol
Toxoids, by H. Schmidt, W. Scholz, 18 pp.

GERMAN, per, Z^{ts} Immun₂-forsch, Vol XXXVII, 1931,
pp 505-516.

Sci - Biology
Apr 1957

SIA tr 1608

Jan 1957

46,174

Royal Jelly in Diet, Prophylaxis and Therapy, by H. X. W. Schmidt, 8 pp.

FRENCH, per, Ztschr f ges inn Med, Vol XI, Oct 1956, pp 911-912.

NIH Tr 4-40

Sci - Med

May 58

64, 115

Electrochemical Fluorination. Part III.
Electrofluorination of Olefins in Non-Aqueous
Solvents; The Mechanism of the Anode Reactions,
by H. Schmidt, H. D. Schmidt, 15 pp.

GERMAN, per, ^{zeit} ~~prakt~~ chem, Vol II, No 4, 1955,
pp 250-260.

SIA Tr 1664

Sci - Chem
Apr 1957

Jan 1957
46, 210

Pathway of the Resynthesis of ~~Blood~~ Glucose, by
H. Schmidt.

GERMAN, per, Biochemische Zeitschrift, No 334,
1961, pp 44-534
CSIRO/No 7229

H Schmidt

Sci -

Jul 67

334,492

The Electrochemical Fluorination of Inorganic
Compounds; Anodic Formation of Sulphuryl Fluoride;
by H. Schmidt, H. D. Schmidt, 14 pp.

GERMAN, per, Z. Anorg Chem, Vol CCLXXX, 1955,
pp 289-299.

S.L.A. Tr 783/1956

Sci - Chemistry
Oct 56 CTS

39,830

Electrochemical Fluorination. Part III.
Electrofluorination of Olefines in Non-Aqueous
Solvents; The Mechanism of the Anode Reactions,
by H. Schmidt, H. D. Schmidt, 15 pp.

GERMAN, per, ^{Zeits} ~~prakt~~ chem, Vol II, No 4, 1955,
pp 250-260.

SLA Tr 1664

Sci - Chem
Apr 1957

Jan 1957
46, 210

Electrochemical Fluorination. Part II; Investigation
Into the Anode Reactions Taking Place During the
Electrolytic Fluorination of Carboxylic Acids in Hy-
drogen Fluoride, by H. Schmidt, H. D. Schmidt, 20 pp.

GERMAN, per, J Prakt Chem, Vol II, 1955, pp 105-120.

S.L.A. Tr 933/1956

39, 204

Sol. - Chemistry

HEALTH, NUTRITION AND THE ENVIRONMENT
BY W. JAMES, H. E. BROWN, 1977.

ORDINARY, P. H. B. BROWN, 1977, VOL. I,
NO. 2, 1977, P. 1977.

JAN 20 1977

ELABORATE

ELABORATE

ELABORATE

20.73

Schmidt, H. E.
THERMAL CONDUCTIVITY MEASUREMENTS AT
HIGH TEMPERATURES. Special rept. no. 3 on Project
210. [1962] 25p
Contract 037-60-12 RDP
Order from OTS, SLA, or ETC \$2.60 EURAEC-415

Trans. of a rept. from Commissariat à l'Énergie
Atomique, Paris (France) Jun 62. (Abstract available)

DESCRIPTORS: *Reactor fuel elements, *Ceramic
materials, *Uranium compounds, *Plutonium com-
pounds, *Thermal conductivity, High temperature res-
earch, Test methods, Electron bombardment

The first part of the work consists, in addition to a
brief statement of the problems handled of an outline of
the more usual metrological principles with an indica-
tion of their advantages and their drawbacks. Part two
(Nuclear Physics--Nuclear Engineering, TT, v. 11,
no. 6) (over)

TT-63-15656

1. Title: Project 210
- I. Schmidt, H. E.
- II. EURAEC-415
- III. European Atomic Energy
Community, Brussels
(Belgium)

15656

Office of Technical Services

Water Hardness and Fluoridation, by H. J. Schmidt,
15 pp.

GERMAN, per, Deut. Zahnärztl. Zschr, Vol IX,
no 16, 1954, pp 899-905.

S.L.A. Tr No 1883

Sci - Chemistry, inorganic
Apr 57

46, 865

63-18948

I. Schmidt, H. J.

Schmidt, H. J.
CALCULATIONS FOR THE HETEROGENEOUS FIRST
ORDER WALL REACTION IN CYLINDRICAL TUBES.

[1968] 5p 7refs

Order from SLA \$1.10

63-18948

Trans. of Chemie-Ing[enieur]-Techn[ik] (West
Germany) 1962, v. 34, p. 841-842.

DESCRIPTORS: Chemical reactions, *Reaction kinetics,
Diffusion, *Fluid flow, Pipes, Laminar flow, Special
functions, Mathematical analysis.

The theoretical precalculation of the influence of flow
and diffusion on the conversion in chemical reactions
up to the present has been successful in few cases. The
special cases solved so far for the case of the heteroge-
neous wall reaction of the first order in cylindrical flow
reactors are briefly compiled. The detailed calculations
(Chemistry--Physical, TT, v. 10, no. 11) (over)

Office of Technical Services

Toroidal Plasma Equilibrium Configurations with
Zero Total Aximuthal Current, by F. Meyer and H.
U. Schmidt, 22 pp.
GERMAN, par. ~~22~~ ~~1951~~, Vol 13, 1951,
pp 1385-1405. ~~1951~~
AEC HP Tr-1596

H. U. Schmidt

Sci-Phys
Sept 67

31,520

On the Utilization of Climatic Dust Tests in
City Planning Practice, by Dr Habil Gerhard
Schmidt, 5 pp.

Full translation.

GERMAN, Berichte des Deutschen Wetterdienstes
in der US-Zone, No 38, p 201.

AF 546046

Scientific - Geophysics

CTS/DEK

2276

CIA 1415274